

**IN THE TITLE**

**Please amend the title to read -FIFO MEMORY WITH TWO COUNTERS--.**

**IN THE SPECIFICATION**

Page 2, line 4, please replace the paragraph beginning "In the Kahn process network" with the following:

In the Kahn process network the processes communicate with each other in a pipelined manner, i.e. the slowest process in the pipeline determines its throughput. If the computation is improperly balanced among processes it will reduce the effective parallelism within the application model.